

AGENDA

COMMITTEE ON JOINT SCHOOL BUILDINGS

October 25, 2005

School Cmte. Members Herbert,
Langton, Beaudry, Perry, Kelley
Aldermen Roy, Porter, DeVries,
Garrity, Thibault

6:00 PM

Aldermanic Chambers
City Hall (3rd Floor)

1. Chairman Herbert calls the meeting to order.
2. The Clerk calls the roll.
3. Update on the School Facilities Improvement Project.
4. Highland-Goffe's Falls Makeup Air Units Proposal.
(Note: In light of recent energy concerns brought forth by the School District, the Facilities Division recommends moving forward with the methodology contained in the attached proposal.)
5. If there is no further business, a motion is in order to adjourn.



Monthly Report – October 2005

City of Manchester
Joint School Building Committee Meeting: October 25, 2005
School Facilities Improvement Project

1.0 Budget:

- Budget overview summary attached.

2.0 Schedule:

- Project schedule overview attached.

Activity Summary:

Central High School, Memorial High School classroom addition, Southside Middle School and Hillside Middle School classroom additions are all in full use by students and faculty. Punchlist activities for Central, Memorial and West high schools, Hillside Middle School, Green Acres and Northwest elementary schools continue. There is ongoing mechanical, electrical, and plumbing (MEP) work and the elementary schools with the heaviest activity at Bakersville and Beech Street. There is ongoing contact with local utility companies (Keyspan, PSNH, DPW and Verizon) to coordinate work efforts, shutdowns, cutovers, etc. There is ongoing contact with local building inspectors and fire department for final inspections, etc. There is final contact with school principals for user review/approval of final material and furniture selection (specialty areas, etc.).

3.0 Previous Months Progress (21 September 05 – 19 October 05):

- Central High School
 - Interior Painting (Renovation) Nearly Complete
 - Classical/PA Fire Protection Nearly Complete
 - Punchlist Ongoing
- West High School
 - Ceiling Installation Complete
 - Interior Painting Nearly Complete
 - Restroom ADA Upgrades Nearly Complete
 - New Showers/Locker Rooms Complete
 - Fintube Radiation Replacement Nearly Complete
 - Punchlist Ongoing
- Memorial High School
 - Punchlist Classroom Addition – Nearly Complete
 - New Boiler Installation Ongoing
 - Mini-Gym Complete
 - Classroom Renovations into Science Lab Complete
 - Existing Gymnasium Floor & Bleacher Installation Complete
 - Interior Renovation MEP Ongoing
 - Interior Painting Ongoing
- Hillside Middle School
 - Final MEP Nearing Completion
 - Punchlist Ongoing
- Southside Middle School
 - Final MEP Ongoing
- Parkside Middle School
 - Final MEP Ongoing
- Wilson Elementary School



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- MEP Installation Nearly Complete
 - Interior Painting Ongoing
 - Ceiling Grid Complete
 - Ceiling Tile Installation Ongoing
- Beech Street Elementary School
 - Ceiling Grid Installation Ongoing
 - MEP Installation Ongoing
 - Gym Floor Installation Complete
 - Exterior Curtainwall Replacement Ongoing
- Hallsville
 - MEP Installation Nearly Complete
 - Door Installation Nearly Complete
- Weston Elementary School
 - MEP Appurtenances Ongoing
- Parker Varney
 - Interior Painting Nearly Complete
- Bakersville Elementary School
 - Stair Rubber Installation Nearly Complete
 - MEP Installation Nearly Complete
 - Exterior Masonry Restoration Nearly Complete
 - Chimney Extension Ongoing
 - Boiler Assembly Complete
- Northwest Elementary School
 - Punchlist
- Green Acres Elementary School
 - Punchlist
- McDonough Elementary School
 - Exterior Curtainwall Replacement Nearly Complete
 - Interior Painting Nearly Complete
 - MEP Nearly Complete
- Safety Meetings Ongoing
- OCIP Enrollment Ongoing
- Ongoing Weekly Project Status Meetings
- Code Review/Approval Meetings with Manchester Building & Fire Department (only as needed)
- Manchester Resident Employment Report (attached)

4.0 Upcoming Activities (20 October 05 – 16 November 05):

- Central High School
 - Interior Painting Complete
 - Classical/PA Fire Protection Completion
 - Quad Gate Installation
 - Gymnasium Painting
 - Punchlist Continues
- West High School
 - Interior Painting Continues
 - Restroom ADA Upgrades Completion
 - Punchlist Continues
- Memorial High School
 - New Boiler Installation Continues
 - MEP Interior Renovations Continues



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- Interior Painting Continues
 - Punchlist
- Hillside Middle School
 - Punchlist
- Southside Middle School
 - Final MEP Nearing Completion
 - Punchlist
- MST
 - Punchlist
- Parkside Middle School
 - Punchlist
- Wilson Elementary School
 - MEP Installation Completion
 - Ceiling Tile Installation Continues
 - Interior Painting Continues
- Beech Street Elementary School
 - Ceiling Grid Installation Continues
 - MEP Installation Continues
 - Interior Painting Continues
- Hallsville
 - Punchlist
- Weston Elementary School
 - Punchlist
- Parker Varney Elementary School
 - Punchlist
- Bakersville Elementary School
 - Exterior Masonry Restoration Completion
 - Interior Painting Completion
 - Chimney Extension Completion
 - MEP Installation Continues
- McDonough Elementary School
 - Exterior Curtainwall Replacement Completion
 - Interior Painting Completion
 - MEP Completion
 - Punchlist
- OCIP Enrollment Ongoing
- Final user input from school principals/departments heads (as needed)

5.0 Critical Issues:

- OCIP Enrollment

6.0 New Issues:

- Change Order #18
- Memorial High School Football Lockers
- Highland Goffe's Falls

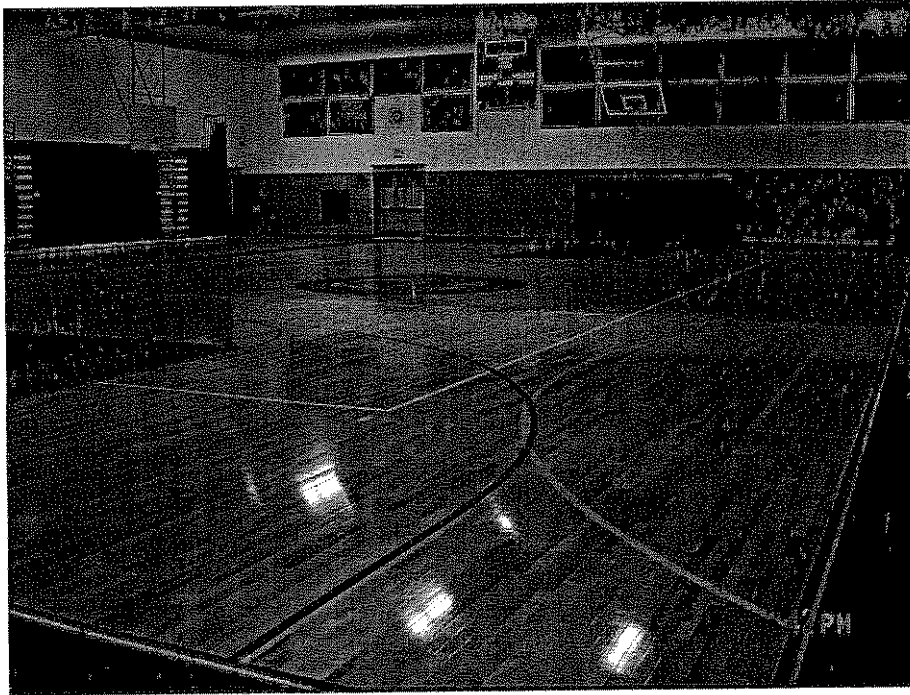


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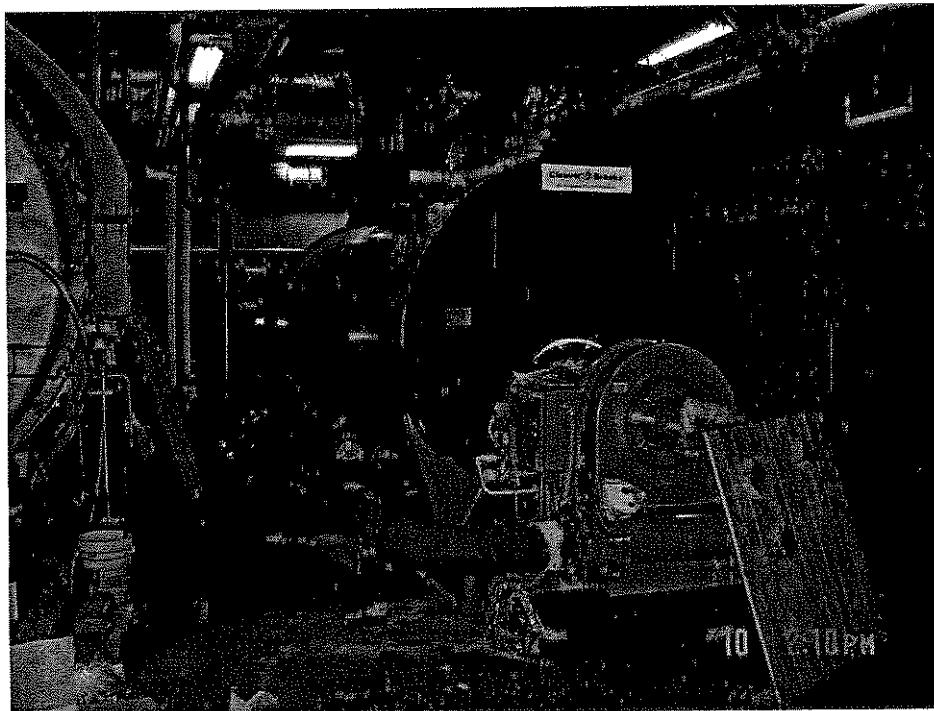
7.0 Progress Photos

Late September to Mid October

Memorial High School Main Gymnasium



Memorial High School New Boiler Installation



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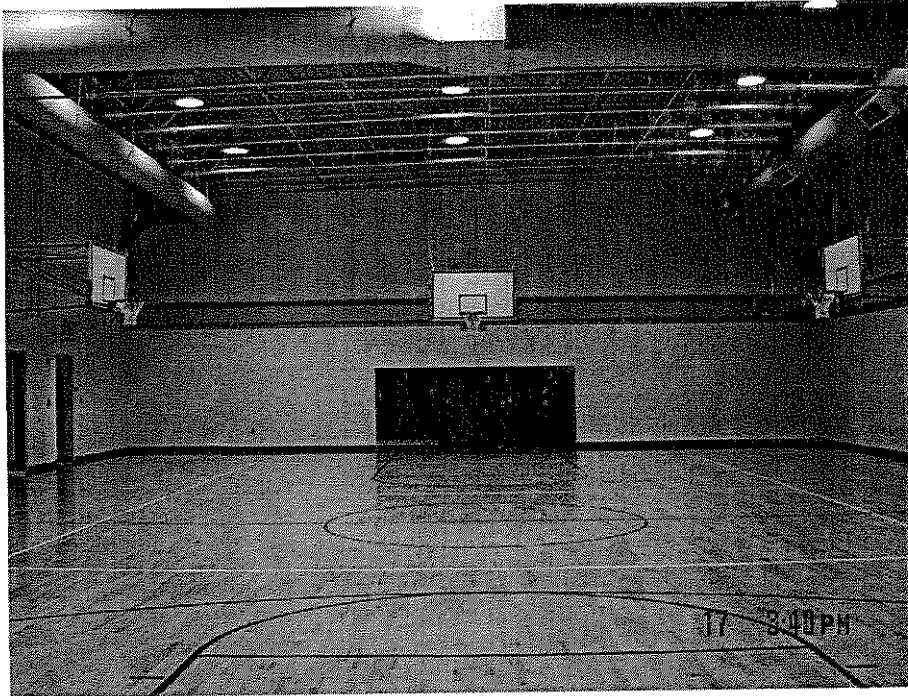


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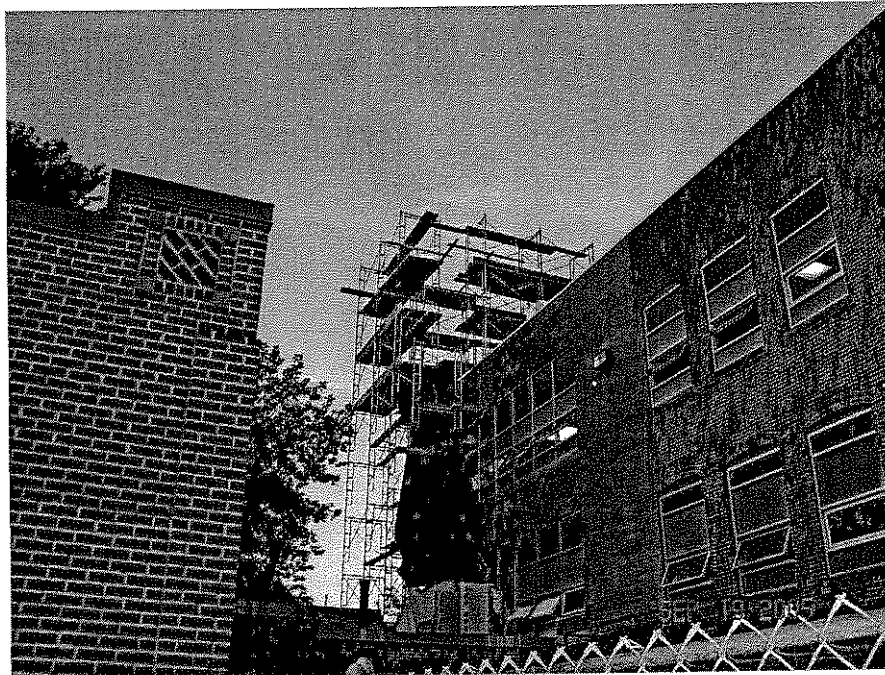
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Memorial High School New Mini Gym



Bakersville Elementary School Chimney Reconstruction





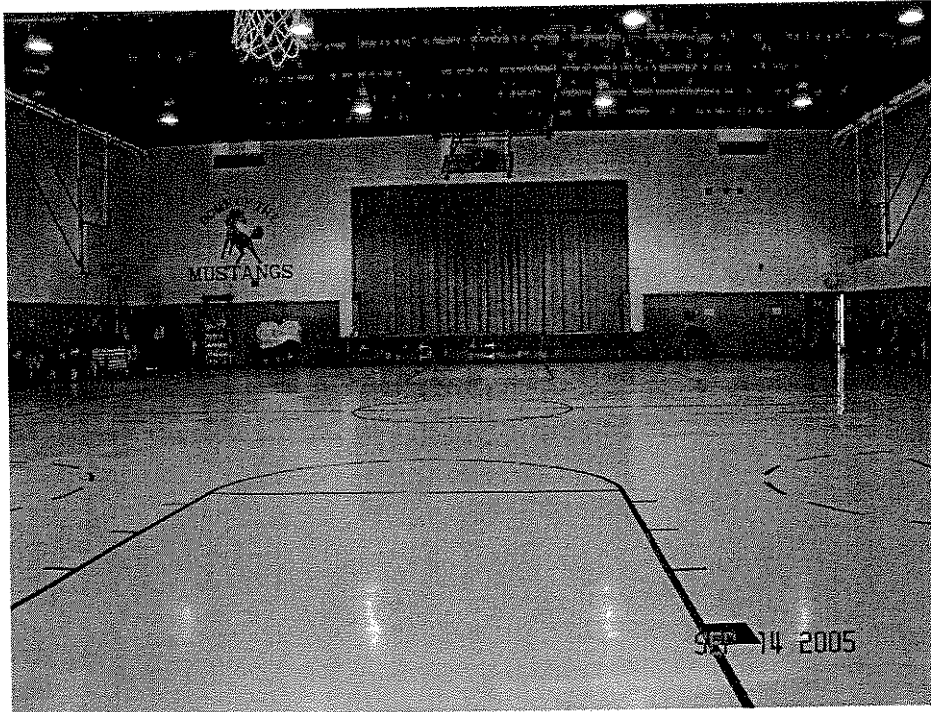
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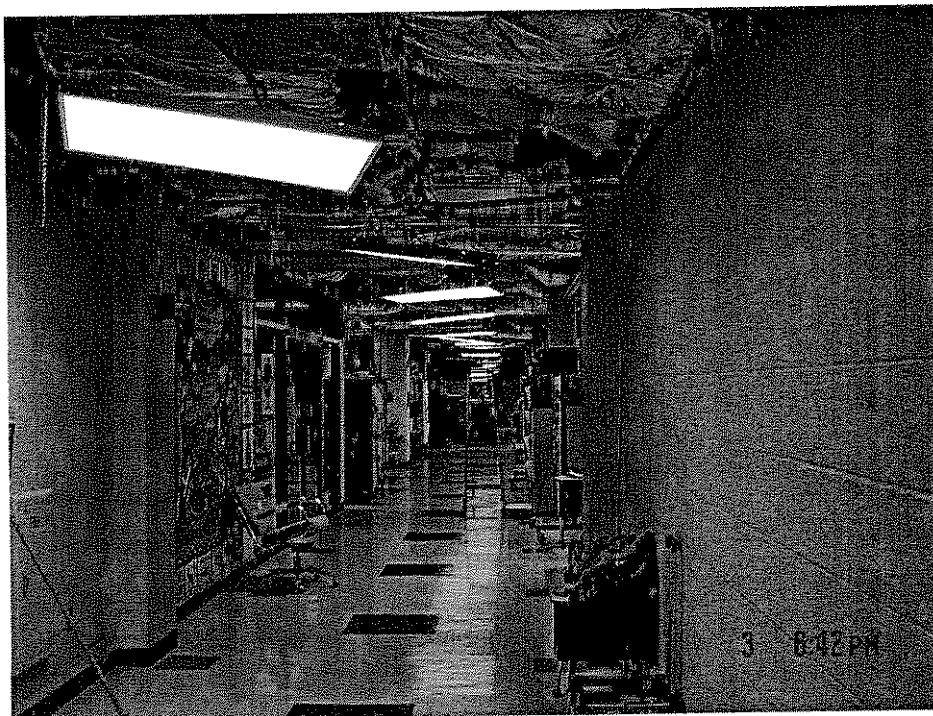
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McDonough Elementary School Gymnasium

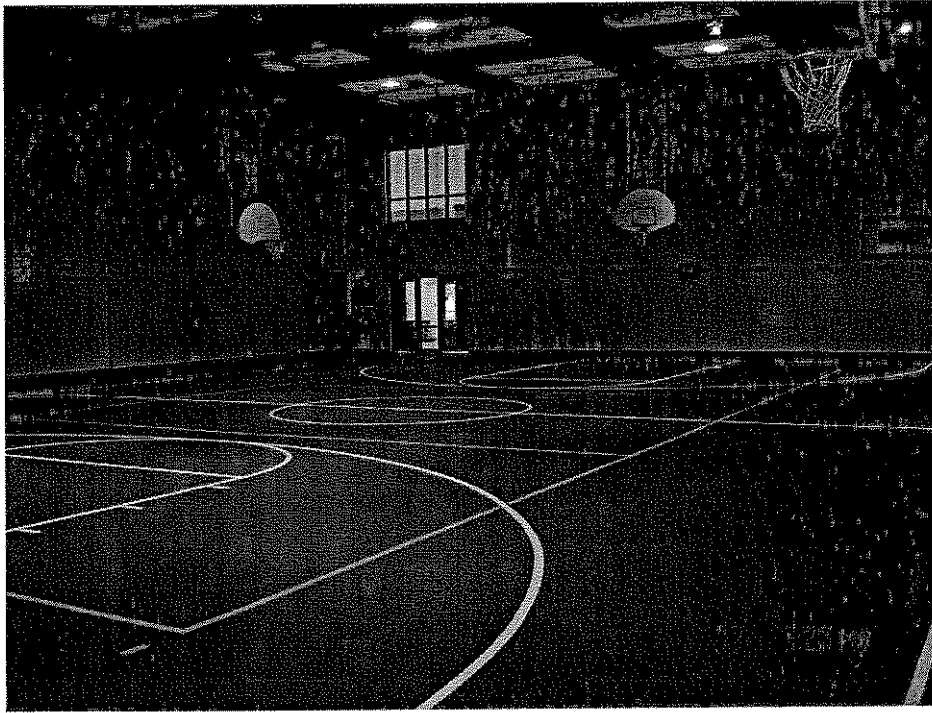


Beech Street Elementary School Ductwork Installation

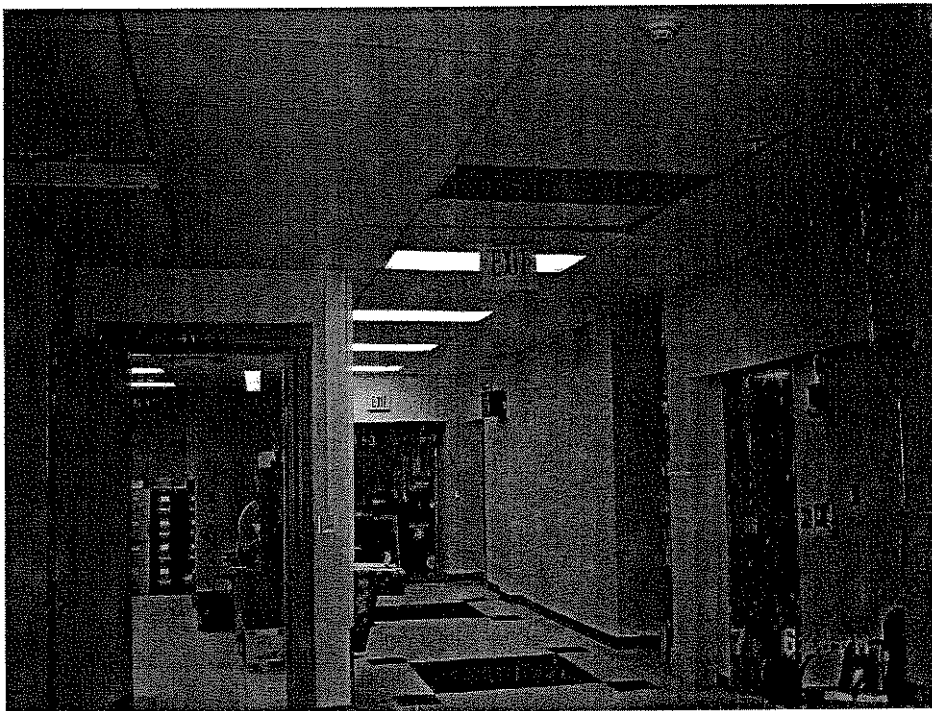




Beech Street Elementary School New Gymnasium Floor



Wilson Elementary School New Finishes





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Activity ID		Activity Description		Orig Dur	Early Start	Early Finish	SUP SORT	2005 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC											
HALLSVILLE ELEMENTARY SCHOOL		HALLSVILLE ES CONST - BILL COLE		176*	28JUN04	07MAR05	6	1											
PARKER VARNER ELEMENTARY SCHOOL		PARKER VARNER ES CONST - RICKEY CHAPPELL		301*	22JUN04	24AUG05	9	1											
WESTON ELEMENTARY SCHOOL		WESTON ES CONST - KIM JACKSON		278*	28JUN04	28JUL05	7	1											
MCDONOUGH ELEMENTARY SCHOOL		MCDONOUGH ES CONST - STEVE LANDRY		260*	01NOV04	04NOV05	6	1											
BEECH STREET ELEMENTARY SCHOOL		BEECH ES CONST - KIM JACKSON		130*	21JUN05	04JAN06	7	1											
DESIGN GROUP #2		DESIGN GROUP #3		77*	21JUN05	07OCT05	1	1											
NORTHWEST ELEMENTARY SCHOOL		NORTHWEST ES CONST -		77*	21JUN05	07OCT05	9	1											
BAKERSVILLE ELEMENTARY SCHOOL		BAKERSVILLE ES CONST - RICKEY CHAPPELL		114*	10JUN05	21NOV05	9	1											
WILSON ELEMENTARY SCHOOL		WILSON ES CONST - BILL COLE		34*	22SEP05	08NOV05	8	1											
WILSON ES CONST - BILL COLE		WILSON ES CONST - BILL COLE		60*	22SEP05	16DEC05	1	1											

Start Date
28FEB03
Finish Date
12SEP06
Data Date
02SEP05
Run Date
26SEP05 12:12

Early Bar
Progress Bar

MANSD
GILBANE BUILDING COMPANY
MANCHESTER SCHOOLS MASTER SCHEDULE
CONSTRUCTION OPERATIONS SCHEDULE

Sheet 2 of 2
L.T. - 88
Date
31 MAR 2006
Revision
1
Checked
Approved

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JOINT SCHOOL BUILDING COMMITTEE					
HIGHWAY DEPARTMENT / PROJECT FINANCIAL REPORT					
19-Oct-05					
DESIGN/BUILD/FINANCE SCHOOL IMPROVEMENT PROGRAM - Project #310303					
BUDGET	FUNDING		SOURCE:		Bond
	FY03 CIP		School Revenue Bond		\$101,410,000
	FY03 CIP		Gen.Obligation Bond		\$3,590,000
	FY03 CIP		Earned Interest		\$3,995,000
109,247,719	FY05		School Admin.Funding		\$252,719
AUTHORIZED VENDOR DESCRIPTION AND APPROVAL DATE	BUDGET	AMOUNT ENCUMBERED	PERCENT COMPLETE	AMOUNT EXPENDED	RETAINAGE HELD
INSURANCE & LEGAL					
Arthur J. Gallagher & Co.					
Insurance Administrative & Broker Services	\$250,000.00	\$50,000.00	80%	\$200,000.00	
Primary Insurance of \$25,000,000	\$265,000.00	\$0.00	100%	\$265,000.00	
Excess Insurance of \$25,000,000	\$130,000.00	\$0.00	100%	\$130,000.00	
Liberty Mutual Insurance Company					
OCIP Premiums	\$1,479,523.00	\$0.00	100%	\$1,479,523.00	
Workmen's Compensation Premium	\$25,000.00	\$0.00	100%	\$25,000.00	
OCIP Loss Fund	\$200,000.00	\$54,157.68	73%	\$145,842.32	
Fernando Insurance - CHS Statue Insure	\$7,500.00	\$0.00	100%	\$7,500.00	
Fernando Insurance - Builders Risk Insurance	\$26,080.00	\$0.00	100%	\$26,080.00	
Ropes & Gray - Consultant Services	\$138,321.64	\$0.00	100%	\$138,321.64	
Albert Risk Management Consultants - OCIP	\$2,217.75	\$0.00	100%	\$2,217.75	
Insurance & Legal To Date	\$2,523,642.39				
PROGRAM MANAGEMENT					
Program Management Services					
DMJM H&N	\$3,116,000.00	\$820,103.50	74%	\$2,295,896.50	
OTHER EXPENSES					
Information Systems - Computer equipment & Remote Se	\$1,009.95	\$0.00	100%	\$1,009.95	
PSNH - West HS 3Phase High Voltage Install	\$5,000.00	\$0.00	100%	\$5,000.00	
PSNH - Central HS 3Phase Primary & Transformer	\$15,205.99	\$0.00	100%	\$15,205.99	
Seacoast Diversified - West HS Strip lead paint	\$4,920.00	\$0.00	100%	\$4,920.00	
CED TwinState - Smyth,Jewet,Gossler Light Fixtures	\$2,815.57	\$0.00	100%	\$2,815.57	
Building Permits	\$840,000.00	\$86,812.35	90%	\$753,187.65	
United Oil Recovery -Remove oil from CHS tank	\$2,761.25	\$0.00	100%	\$2,761.25	
RPF Associates, Inc. - Dust Settling Testing	\$1,772.50	\$0.00	100%	\$1,772.50	
RPF Associates, Inc. - Lead Paint Testing	\$1,156.24	\$0.00	100%	\$1,156.24	
Alpha Asbestos - Lead Paint Removal West HS Railings	\$2,450.00	\$0.00	100%	\$2,450.00	
Alarmax - Smoke Detectors for Webster	\$669.29	\$0.00	100%	\$669.29	
Highway Dept. - Pavement Patching @ Webster	\$1,975.46	\$0.00	100%	\$1,975.46	
Foley & Buhl Engineering - Hallsville Assessment	\$29,800.00	\$26,000.00	13%	\$3,800.00	
WW Grainger - Portable Blowers for Hillside/Southside S	\$809.56	\$0.00	100%	\$809.56	
Century Mechanical - Southside Shelter Exhaust Fans	\$894.31	\$0.00	100%	\$894.31	
Damon Insulation Co. - Insulate Rain Leader Southside	\$1,950.00	\$0.00	100%	\$1,950.00	
Alpha Asbestos - Hang Plastic Southside Shelter	\$1,475.00	\$0.00	100%	\$1,475.00	
RPF Associates - Memorial Asbestos Sampling	\$496.00	\$0.00	100%	\$496.00	
Yeaton Associates - Engineering Wilson Boiler Replace	\$2,000.00	\$2,000.00	0%		
RPF Associates - Beech Dust Settling testing	\$3,349.00	\$0.00	100%	\$3,349.00	
Scott Lawson - Beech St. Abatement Consultant	\$1,660.25	\$0.00	100%	\$1,660.25	
Other Expenses To Date	\$917,161.12				



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DESIGN BUILD PROJECT - PAGE 2 OF 3					
AUTHORIZED VENDOR DESCRIPTION AND APPROVAL DATE	BUDGET	AMOUNT ENCUMBERED	PERCENT COMPLETE	AMOUNT EXPENDED	RETAINAGE HELD
Design & Construction Services					
Gilbane Building Company - Base Contract	\$94,900,200.00	\$9,300,267.37	90%	\$85,599,932.63	\$5,432,563.26
Change Orders					
CO#1: Wall System Rev	\$0.00				
CO#2: Cable Reroute	\$0.00				
CO#3: Gym Floor Lines	\$0.00				
CO#4: Jewett Repainting	\$0.00				
CO#5: Middle School Structure	\$0.00				
CO#6: Rebuild Chimneys	\$0.00				
CO#7: Architectural, Painting & Carpentry Changes	\$0.00				
CO#8: CHS-PA Refinish Auditorium Flooring	\$27,648.00	Funding from School District per 6/30/04 MSD Authorization			
CO#9: MHS Stage Rigging and WHS Furniture Move	\$0.00	No Change in Contract Total			
CO#10: Furniture Move at Central	\$12,550.00	Funding from FF&E			
CO#11: HSMS Unsuitable Soils & EBU Rewiring	\$32,724.20	Funding from Contingency			
CO#12 Hillside/Southside MS Stairs & Addition Bathroo	\$325,453.00	Funding from Contingency			
CO#13 Central Intercom/Webster Ceilings	\$16,352.00	Funding from Contingency			
CO#14 Hazmat Removal	\$848,864.12	Funding from Contingency			
CO#15 CHS Bleachers & New Divider	\$187,543.58	Funding from Contingency			
CO#15 WHS Lockers	\$102,600.00	Funding from Contingency			
CO#15 WHS Consumer Science Room	\$52,488.24	Funding from School District per 6/30/04 MSD Authorization			
CO#15 Southside Restore Bleacher Integrity	\$3,888.00	Funding from Contingency			
CO#16 CHS Consumer Science Upgrade	\$81,861.20	Funding from School District per 6/30/04 MSD Authorization			
CO#16 CHS, Parkside Changes	\$7,336.00	Funding from Contingency			
CO#16 Weston Additional Painting	\$37,130.00	Funding from Contingency			
Future: MHS Consumer Science Upgrade	\$111,372.00	\$60,000.00	School District Funding per 6/30/04 MSD Authorization		
New Guaranteed Maximum Price (GMP)	\$96,748,010.34		of \$60,000 and \$51,372 FF&E Below		
Program FF&E	\$2,000,000.00				
MHS - Consumer Science Upgrade (And \$60M by MSD)	\$51,372.00	\$51,372.00	0%		
WB Mason - Hillside - Administration	\$35,466.40	\$0.00	100%	\$35,466.40	
WB Mason - Hillside - Classrooms	\$62,502.05	\$0.00	100%	\$62,502.05	
WB Mason - Southside - Administration	\$31,134.04	\$0.00	100%	\$31,134.04	
WB Mason - Southside - Classroom	\$62,330.94	\$0.00	100%	\$62,330.94	
WB Mason - West HS - Administration	\$60,284.88	\$459.45	99%	\$59,825.43	
WB Mason - West HS - Classrooms	\$39,720.54	\$0.00	100%	\$39,720.54	
WB Mason - Central HS - Administration	\$66,081.54	\$0.00	100%	\$66,081.54	
WB Mason - Central HS - Classroom	\$68,362.75	\$0.00	100%	\$68,362.75	
WB Mason - Memorial HS - Classroom	\$98,365.68	\$0.00	100%	\$98,365.68	
WB Mason - Memorial HS - Administration	\$15,755.74	\$4,893.50	69%	\$10,862.24	
School Furnishings - Cafeteria Tables	\$210,319.60	\$6,500.00	97%	\$203,819.60	
Central HS - Furniture Move CO#10	\$12,550.00	\$0.00	100%	\$12,550.00	
Union Leader - Central HS - Ad Sidewalk Plow Inv.To Bid	\$65.61	\$0.00	100%	\$65.61	
Howard P. Fairfield - Central HS - Sidewalk Plow	\$71,660.00	\$0.00	100%	\$71,660.00	
Aramark-CHS,MHS,Southside,Hillside - Entrance Mats	\$10,576.23	\$0.00	100%	\$10,576.23	
School District- Reimburse for CHS Portable Bleachers	\$11,700.00	\$0.00	100%	\$11,700.00	
Convergent Media Systems - High School Class TV's	\$29,645.00	\$2,975.00	90%	\$26,670.00	
Aramark - Floor Machines/Carpet Extractor for additions	\$72,832.00	\$0.00	100%	\$72,832.00	
Ice House Refrigeration - Central Ice Maker	\$2,305.00	\$0.00	100%	\$2,305.00	
Telephone Technologies- MHS Portable Communications	\$8,996.00	\$0.00	100%	\$8,996.00	
Telephone Technologies- CHS/Hillside/Gr.Acres Portable	\$3,020.00	\$0.00	100%	\$3,020.00	
Interstate Electric - CHS Portable Disconnect FA	\$518.00	\$0.00	100%	\$518.00	
BK Systems - Gr.Acres/Hillside/Memorial Disconnect FA	\$2,697.00	\$2,000.00	26%	\$697.00	
GA Lafamme - Gr. Acres Power Portable	\$8,200.00	\$8,200.00	0%		
Mr. Fix-It - Gr.Acres Portable Ramp	\$2,940.00	\$0.00	100%	\$2,940.00	
Paul Cloutier - Gr. Acres Sewer,Water,Paving	\$9,500.00	\$0.00	100%	\$9,500.00	
Century Mechanical - Gr.Acres Plumbing Installation	\$7,225.00	\$0.00	100%	\$7,225.00	
Information Systems - Printer ,Server & Software	\$20,290.74	\$0.00	100%	\$20,290.74	
Hillyard - Central Safety Cabinets	\$5,025.00	\$0.00	100%	\$5,025.00	
School District - Reimburse Central HS Appliances	\$3,873.91	\$0.00	100%	\$3,873.91	
Pelmac - Gossler Intercom /MHS Portable Disconnect	\$375.00	\$0.00	100%	\$375.00	
Perkins - Central HS Sterilizer	\$7,609.00	\$0.00	100%	\$7,609.00	
Wards Natural Science -CHS,Southside,Hillside Science	\$51,306.24	\$0.00	100%	\$51,306.24	
Conway Office - Six Copiers	\$83,995.00	\$0.00	100%	\$83,995.00	
Barnstead International - Central HS Distillers	\$9,965.84	\$0.00	100%	\$9,965.84	



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DESIGN BUILD PROJECT - PAGE 3 OF 3					
AUTHORIZED VENDOR DESCRIPTION AND APPROVAL DATE	BUDGET	AMOUNT ENCUMBERED	PERCENT COMPLETE	AMOUNT EXPENDED	RETAINAGE HELD
Alert Scientific Inc - Central Distiller Installation	\$1,325.00	\$0.00	100%	\$1,325.00	
Decker Inc. - School Floor Savers	\$39,705.02	\$0.00	100%	\$39,705.02	
Delta Education - Central Science Equipment	\$215.30	\$0.00	100%	\$215.30	
Educational Innovations - Central Science Equipment	\$119.19	\$0.00	100%	\$119.19	
Frey Scientific - Hillside & Southside Science Equipment	\$3,025.60	\$0.00	100%	\$3,025.60	
J. Salles & Sons - Memorial Locker Repairs	\$13,420.00	\$0.00	100%	\$13,420.00	
Nasco - Memorial Art Tables	\$4,744.00	\$0.00	100%	\$4,744.00	
Pasco - Central Science Equipment	\$1,795.00	\$0.00	100%	\$1,795.00	
Sargent-Welch - Central & Southside Science Equipment	\$20,374.83	\$0.00	100%	\$20,374.83	
Schiavi Leasing - Move Portable fr. Hillside to Gr. Acres	\$7,500.00	\$0.00	100%	\$7,500.00	
SK Boreal Lab - Central & Southside Science Equipment	\$897.19	\$0.00	100%	\$897.19	
Tice Associates - Southside Microscopes	\$9,900.00	\$0.00	100%	\$9,900.00	
Vernier Software & Tech. - Central Science Equipment	\$11,598.23	\$0.00	100%	\$11,598.23	
School Furnishings - McDonough Cafeteria Tables	\$29,100.60	\$0.00	100%	\$29,100.60	
		\$0.00	#DIV/0!		
Balance for Future FF&E		\$617,713.31			
Total FF&E Encumbered & Balance	\$2,000,000.00	\$694,113.26		\$1,305,886.74	
Contingency/JSBC Approved Expenses	\$5,650,000.00				
Parker-Varney & Highland Wall Designs - JSBC 5/11/2005	\$155,000.00	\$155,000.00			
Contingency/ Change Order Number & Amounts					
CO#11: HSMS Unsuitable Soils & EBU Rewiring JSBC	\$32,724.20	\$32,724.20			
CO #12 Hillside/Southside MS Stairs JSBC 11/25/04	\$325,453.00	\$325,453.00			
CO#13: Central Intercom/Webster Acoustical Ceiling	\$16,352.00	\$16,352.00			
CO#14: Hazmat Removal JSBC 3/22/05	\$848,864.12	\$848,864.12			
CO#15 CHS Bleacher/WHS Locker/Southside Bleacher	\$294,031.58	\$294,031.58			
CO#16 CHS & Parkside Changes & Weston Painting	\$44,466.00	\$44,466.00			
Balance for Future Contingency Allocations		\$3,933,109.10			
Contingency Authorized to Date	\$1,716,890.90	\$5,650,000.00		\$0.00	
JSBC APPROVED CONTINGENCY BALANCE	\$3,933,109.10				
UNENCUMBERED PROJECT FUNDS	\$75,706.24				
ENCUMBERED/EXPENDED TOTAL	\$109,172,012.76	\$16,743,454.16		\$92,428,558.60	
TOTAL	\$109,247,719.00				



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Telefax 603-644-3314
Facsimile 603-644-3315



October 17, 2005

Manchester Schools' Design Build Employment Committee
c/o Gilbane Building Company
220 South Jewett Street
Manchester, NH 03103

Reference: Manchester City-Wide Schools Project
Manchester, NH
Gilbane Project No. 11-3387-000
Manchester Resident Report – October 17, 2005

Dear Sirs/Madam:

Attached is our resident requirement report for the Manchester City-Wide Schools Project which includes reported data through 10/17/2005.

Page 1 includes monthly detail of subcontractors reported data. Please note that if any field is "blank", either the data is as yet unreported or the subcontractor has not yet begun work. If the subcontractor is "highlighted", they have completed their work and we have closed their contract. Page 2 is a summary by subcontractor of their goals vs. actual performance with the overall job percentage totals reported at the bottom.

Should you have any questions regarding this submittal, please do not hesitate to contact me at 603-644-3313 ext. 209.

Regards,

Robert N. Richer
Project Accountant

Enclosures



3

Manchester City-Wide Schools Project - Gilbane Job #11-3387-000

*Reported Residency Data

As of October 17, 2005

Total Hours vs. Manchester Resident Hours

	Jul-03 Thru Aug-05 Resident Hrs.	Jul-03 Thru Aug-05 Total Hours	Sep-05 Resident Hours	Sep-05 Total Hours	Oct-05 Resident Hours	Oct-05 Total Hours	To Date Resident Hours	To Date Total Hours
Hayward Baker	69.50	1,514.00					69.50	1,514.00
Francis Harvey & Sons	10,873.00	42,013.00	54.00	252.00			10,927.00	42,265.00
Allan Industries	57,724.50	88,054.50	3,986.00	5,311.00			61,710.50	93,365.50
HCI Craftsmen	20.50	27.50					20.50	27.50
Hampshire Fire Protection	7,885.50	26,775.45	72.50	618.00			7,958.00	27,393.45
Interstate Electric	24,853.00	83,139.50	144.00	727.00			24,997.00	83,866.50
ACT Abatement	4.00	3,413.00					4.00	3,413.00
A & E Flooring	1,745.50	5,983.75	36.00	386.00			1,781.50	6,369.75
Essex Newbury & Sub	0.00	10,117.50					0.00	10,117.50
George R. Cairns & Subs.	3,384.00	21,246.00	0.00	56.50			3,384.00	21,302.50
C.P. Blouin	14,500.65	67,587.25	298.00	1,717.50			14,798.65	69,304.75
Consolidated Electric	598.00	20,883.00					598.00	20,883.00
American Steele	0.00	4,541.00	0.00	53.00			0.00	4,594.00
Iaccarino & Sons	32.00	103.00					32.00	103.00
Northern Plaster Works	0.00	2,292.00					0.00	2,292.00
Francis H. Maroney	7,916.00	60,500.00	0.00	1,656.50			7,916.00	62,156.50
Johnson Controls, Inc.	726.00	3,909.50	0.00	410.00			726.00	4,319.50
Youngblood Co., Inc.	6,631.50	19,692.50	90.00	287.00			6,721.50	19,979.50
Novel Iron Works, Inc.	0.00	14,907.00	0.00	44.50			0.00	14,951.50
Northeast Masonry, Inc.	350.50	8,178.50					350.50	8,178.50
King Painting	1,620.00	72,692.00					1,620.00	72,692.00
Premier Caulking	180.50	521.00					180.50	521.00
Kel Rick Construction	5,123.00	66,826.05	0.00	324.50			5,123.00	67,150.55
Skyline Roofing	17,730.15	30,048.00	396.25	803.00			18,126.40	30,851.00
New Hampshire Glass	1,868.50	15,679.50	112.00	971.00			1,980.50	16,650.50



Manchester Public
School Facilities
Improvement Project

DMJM
AN AECOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

Stateline Acoustical Ceilings	1,095.00	3,898.50	347.50	653.50			1,442.50	4,552.00
Chamberlain Companies, Inc.	188.00	353.00					188.00	353.00
Pine State Elevator	0.00	1,736.50	0.00	200.00			0.00	1,936.50
Hate to Paint/Stain?	2,434.00	2,901.00					2,434.00	2,901.00
Dec-Tam Corporation	70.00	7,892.50					70.00	7,892.50
Twin Brooks Environmental	0.00	0.00					0.00	0.00
Major Theatre Equipment	0.00	1,135.00					0.00	1,135.00
Air Quality Experts, Inc.	0.00	3,088.75					0.00	3,088.75
ABC Flooring Specialists	0.00	366.25					0.00	366.25
Tucker Library Interiors	0.00	323.85					0.00	323.85
American Sport Floors	0.00	2,061.00	0.00	411.00	0.00	757.50	0.00	3,229.50
Northeast Interior Systems	871.00	2,229.00	10.00	10.00			881.00	2,239.00
Pitcher Associates	1,154.50	2,459.50	0.00	8.00			1,154.50	2,467.50
Ahern Painting Co., Inc.	617.00	1,312.00					617.00	1,312.00
Allegheny Contract Flooring	4,565.00	5,445.00	0.00	0.00			4,565.00	5,445.00
Eckhardt & Johnson	3,028.50	7,508.50	781.50	2,434.50			3,810.00	9,943.00
F.A. Gray, Inc.	665.50	3,764.00	0.00	587.50			665.50	4,351.50
Robert H. Lord	108.00	108.00					108.00	108.00
Granite State Acoustics	3,653.00	5,347.00					3,653.00	5,347.00
Material Handling Sales	0.00	677.00					0.00	677.00
E.S. Boulos	768.50	1,839.50					768.50	1,839.50
Merrimac Tile Company	96.00	633.00					96.00	633.00
Raynor Door Authority	68.75	340.25					68.75	340.25
Gorman-Thomas, Inc.	91.00	996.00	28.50	233.50	75.00	300.00	194.50	1,529.50
Monthly Totals	183,310.05	727,059.60	6,356.25	18,155.50	75.00	1,057.50	189,741.30	746,272.60
Total Manchester Hrs.	189,741.30							
Total Labor Hours	746,272.60							
% of Manchester Hours	25.43%							
* Blank Field Equals No Data Reported That Month								
Highlighted Subcontractors are Closed Out								



3

Manchester City-Wide Schools Project - Gilbane Job #11-3387-000

Goals Vs. Actual Percentage Schedule Of Reported Hours

As of October 17, 2005

	<u>CUMULATIVE MANCHESTER HRS</u>	<u>CUMULATIVE TOTAL HOURS</u>	<u>GOAL PERCENTAGE MANCHESTER HOURS</u>	<u>ACTUAL PERCENTAGE MANCHESTER HOURS</u>
Hayward Baker	69.50	1,514.00	5.00%	4.59%
Francis Harvey & Sons	10,927.00	42,265.00	15.00%	25.85%
Allan Industries	61,710.50	93,365.50	0.00%	66.10%
HCI Craftsmen	20.50	27.50	50.00%	74.55%
Hampshire Fire Protection	7,958.00	27,393.45	10.00%	29.05%
Interstate Electric	24,997.00	83,866.50	5.00%	29.81%
ACT Abatement	4.00	3,413.00	0.00%	0.12%
A & E Flooring	1,781.50	6,369.75	2.00%	27.97%
Essex Newbury	0.00	10,117.50	0.00%	0.00%
George R. Cairns	3,384.00	21,302.50	5.00%	15.89%
C.P. Blouin	14,798.65	69,304.75	20.00%	21.35%
Consolidated Electric	598.00	20,883.00	5.00%	2.86%
American Steele	0.00	4,594.00	0.00%	0.00%
Iaccarino & Sons	32.00	103.00	0.00%	31.07%
Northern Plaster Works	0.00	2,292.00	0.00%	0.00%
Francis H. Maroney	7,916.00	62,156.50	15.00%	12.74%
Johnson Controls, Inc.	726.00	4,319.50	50.00%	16.81%
Youngblood Co., Inc.	6,721.50	19,979.50	15.00%	33.64%
Novel Iron Works, Inc.	0.00	14,951.50	0.00%	0.00%
Northeast Masonry	350.50	8,178.50	5.00%	4.29%
King Painting	1,620.00	72,692.00	10.00%	2.23%
Premier Caulking	180.50	521.00	0.00%	34.64%
Kel-Rick Construction	5,123.00	67,150.55	5.00%	7.63%
Skyline Roofing	18,126.40	30,851.00	10.00%	58.75%
New Hampshire Glass	1,980.50	16,650.50	15.00%	11.89%



Manchester Public
School Facilities
Improvement Project

DMJM
AN ASCOM COMPANY
Project Office

222 South Jewett Street · Manchester, NH 03103
T 603.644.0410 · F 603.644.0411

Stateline Acoustical Ceilings	1,442.50	4,552.00	0.00%	31.69%
Chamberlain Companies	188.00	353.00	5.00%	53.26%
Pine State Elevator	0.00	1,936.50	0.00%	0.00%
Hate to Paint/Stain?	2,434.00	2,901.00	80.00%	83.90%
Dec-Tam Corporation	70.00	7,892.50	0.00%	0.89%
Twin Brooks Environmental	0.00	0.00	0.00%	
Major Theatre Equipment, Inc.	0.00	1,135.00	0.00%	0.00%
Air Quality Experts, Inc.	0.00	3,088.75	0.00%	0.00%
ABC Flooring Specialists	0.00	366.25	10.00%	0.00%
Tucker Library Interiors	0.00	323.85	0.00%	0.00%
American Sport Floors	0.00	3,229.50	0.00%	0.00%
Northeast Interior Systems	881.00	2,239.00	0.00%	39.35%
Pitcher Associates	1,154.50	2,467.50	20.00%	46.79%
Ahern Painting Co., Inc.	617.00	1,312.00	0.00%	47.03%
Allegheny Contract Flooring	4,565.00	5,445.00	0.00%	83.84%
Eckhardt & Johnson	3,810.00	9,943.00	0.00%	38.32%
F.A. Gray, Inc.	665.50	4,351.50	0.00%	15.29%
Robert H. Lord	108.00	108.00	0.00%	100.00%
Granite State Acoustics	3,653.00	5,347.00	0.00%	68.32%
Material Handling Sales	0.00	677.00	0.00%	0.00%
E.S. Boulos	768.50	1,839.50	0.00%	41.78%
Merrimac Tile Company	96.00	633.00	0.00%	15.17%
Raynor Door Authority	68.75	340.25	0.00%	20.21%
Gorman-Thomas, Inc.	194.50	1,529.50	0.00%	12.72%
TOTALS	189,741.30	746,272.60		
OVERALL PERCENTAGE	25.43%			

Gilbane

PROJECT NUMBER: 113387000
CHANGE ORDER NO: 18
DATE OF ISSUANCE: 09/26/05
SUBMITTED BY: Gilbane
CONTRACT DATED: 4/28/03

Received
Program Management
Office

Office

Signature of the Owner indicates agreement herewith, including any adjustment in the Contract Sum or the Contract Time

The original Guaranteed Maximum Price was	94,900,200.00
Net change by previously authorized and submitted Change Orders	1,736,438.34
Guaranteed Maximum Price prior to this Change Order	96,738,788.34
Guaranteed Maximum Price will be increased by this Change Order	7,865.00
The new Guaranteed Maximum Price including this Change Order will be	96,746,653.34
The Contract Time For Phase I Schools will be unchanged by	0 days
The Contract Time For Phase II Schools will be unchanged by	0 days
The date of Substantial Completion for Phase I School construction as of the date of this Change Order therefore is	08/28/05
The date of Substantial Completion for Phase II School construction as of the date of this Change Order therefore is	08/28/06

City of Manchester Dept. of Highways

Date: 10/05/05

Manchester Dept. of Highways

Rene J. Pincence

Date: 9.28.05

Owner
CR File

Gilbane
CO File

Other

CONSTRUCTION CHANGE AUTHORIZATION



PROJECT NAME: Memorial High School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
 Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

School Facilities
 Improvement Project

GILBANE PROJECT NO: 113387100
CCA NO: 100173
DATE OF ISSUANCE: 8/15/05
ORIGINATOR: Gilbane

AUG 16 2005

Received
 Program Management
 Office

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

THIS CHANGE IS TO COVER ALL COSTS ASSOCIATED WITH THE REMOVAL OF ASBESTOS CONTAINING TILE UNDER THE CASE WORK AT CONSUMER SCIENCE ROOMS 435 AND 436.

ATTACHMENTS:

Twin Brooks Backup - 7/27/05

FINAL

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum

Dollar Amount: 1,350.00

☒ Fixed ☐ Maximum
☐ Estimated ☐ Time and Material

Change In Contract time

Time(Days): 0

☒ Fixed ☐ Maximum
☐ Estimated

CR No.	Description	Cost Code	Contractor	Dollar Amount
100173	Abatement	32717100	Twin Brooks Environmental	1,250.00
	FEE	99999900	Gilbane	100.00
			CR # 100173 Total	1,350.00
			CCA Total	1,350.00

Owner: [Signature]
 City of Manchester Dept of Public Works

Date: 08/24/05

Gilbane: [Signature]

Date: 8/15/05

Distribution: Owner Gilbane Architect
 CR File CCA File Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane**PROJECT NAME:** Central High SchoolSchool Facilities
Improvement Project**GILBANE PROJECT NO:** 113387110**OWNER:** City of Manchester Dept of Public Works**CCA NO:** 110510**ADDRESS:** 227 Maple Street

AUG 03 2005

DATE OF ISSUANCE: 8/03/05

Manchester, NH 03103

ORIGINATOR: Gilbane**ARCHITECT:** Lavallee/Brensinger Architects

Received

Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

This Construction Change Authorization is to provide metal panel transom systems for above the existing windows in the Industrial Arts Building at Central HS. Currently, transoms are made from T1-11 plywood paneling. Systems shall be as described in DMJM Bulletin No. 00040, dated 24-MAY-05, except where modified in LBPA hand sketches, transmitted to Gilbane from LBPA on 08-JUN-05. Material shall have a clear anodized finish.

This scope of work shall not be subject to the liquidated damages completion dates as defined in Article 4 of the Contract and Section 8.6 of the General Conditions.

ATTACHMENTS:

DMJM Bulletin No. 00040, dated 24-MAY-05.

LBPA Hand Sketches, not dated.

NHG Quotation, dated 03-AUG-05.

FINAL

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum

Dollar Amount: 10,161.00

☒ Fixed☐ Maximum☐ Estimated☐ Time and Material**Change In Contract time**

Time(Days): 0

☒ Fixed☐ Maximum☐ Estimated

CR No.	Description	Cost Code	Contractor	Dollar Amount
110510	Glass & Glazing-Reno	10808800	New Hampshire Glass Corp	9,408.00
	Fee Material Allowance	99999900	Gilbane	753.00
			CR # 110510 Total	10,161.00
			CCA Total	10,161.00

Owner:

City of Manchester Dept of Public Works

Date:

08/24/05

Gilbane:

Rene J. Proulx

Date:

8/6/05

CONSTRUCTION CHANGE AUTHORIZATION

Manchester Public
School Facilities
Improvement Project

Gilbane

PROJECT NAME: Parkside Middle School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

AUG 31 2005
Received
Program Management

GILBANE PROJECT NO: 113387220
CCA NO: 220102
DATE OF ISSUANCE: 8/30/05
ORIGINATOR: Gilbane

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION: Provide all labor, materials, equipment, and service needed to furnish and install joist bridging that was displaced by previous installed ductwork.

ATTACHMENTS:
American Steel Fabricators cost summary.

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum	
Dollar Amount:	.00
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	<input type="checkbox"/> Time and Material

Change In Contract time	
Time(Days):	0
<input type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input checked="" type="checkbox"/> Estimated	

CR No.	Description	Cost Code	Contractor	Dollar Amount
220102	Structural Steel	10505200	American Steel Fabricators Inc	1,226.00
	Acoustical Ceilings	10909500	Pitcher Associates Inc	.00
	Owner's Allowance	96099800	Gilbane	1,226.00-
			CR # 220102 Total	.00
			CCA Total	.00

Owner: [Signature]
City of Manchester Dept of Public Works

Date: 09/07/05

Gilbane: [Signature]

Date: 8/30/05

Distribution: Owner CR File Gilbane CCA File Other

RECEIVED

SEP 08 2005

**GILBANE JOB
NO. 3387**

CONSTRUCTION CHANGE AUTHORIZATION

Manchester Public
Schools
Improvement Project

Gilbane

PROJECT NAME: Beech Street Elementary School
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects

SEP 08 2005 GILBANE PROJECT NO: 113387310
CCA NO: 310032
DATE OF ISSUANCE: 9/08/05
ORIGINATOR: Gilbane
Received
Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION: Provide all labor, materials, equipment, and service to install vct flooring and vinyl base at the Food Storage Room (#002). Refer to DMJM Bulletin #5. NOTE: THE COSTS LISTED BELOW REPRESENT THE FINAL ACCOUNTING FOR THIS CHANGE. THE INITIAL CCA WAS APPROVED ON 7-10-05.

ATTACHMENTS:
Merrimac Tile Co.

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum	
Dollar Amount:	5,565.00
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	<input type="checkbox"/> Time and Material

Change In Contract time	
Time(Days):	0
<input type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input checked="" type="checkbox"/> Estimated	

CR No.	Description	Cost Code	Contractor	Dollar Amount
310032	vct + vb	10909300	Gilbane / Merrimac Tile Co.	2,427.00
	floor prep. - scarify	10909300	Allan Industries Inc	854.00
	floor prep. - flash	10909300	Merrimac Tile Company Inc	1,680.00
	Wash + wax	10909300	Allan Industries	339.00
	Fee	99999900	Gilbane	265.00
			CR # 310032 Total	5,565.00
			CCA Total	5,565.00

Owner: John J. Galt
City of Manchester Dept of Public Works

Date: 09/14/05

Gilbane: Ken M. Foley

Date: 9/8/05

Distribution: Owner Gilbane
CR File CCA File Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

PROJECT NAME: Beech Street Elementary School

OWNER: City of Manchester Dept of Public Works

ADDRESS: 227 Maple Street

Manchester, NH 03103

ARCHITECT: Lavallee/Brensinger Architects

GILBANE PROJECT NO: 113387310

CCA NO: 310034R

DATE OF ISSUANCE: 8/17/05

ORIGINATOR: Gilbane

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION: Provide all labor, materials, equipment, and service needed to furnish and install new wood door at storage room #222. **NOTE:** THIS CCA HAS BEEN REVISED TO REFLECT THE UNIT PRICING FOR THE DOOR AND HARDWARE.

ATTACHMENTS:
Gilbane Summary Sheet

The following information is provided by Gilbane Building Company.

FINAL

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum

Dollar Amount: 2,256.00

☐ Fixed

☐ Maximum

☒ Estimated

☐ Time and Material

Change In Contract time

Time(Days): 0

☐ Fixed

☐ Maximum

☒ Estimated

CR No.	Description	Cost Code	Contractor	Dollar Amount
310034	Demolition	10202000	Allan Industries Inc	255.00
	Masonry	10404000	Gilbane	730.00
	Doors, Frames, Hardware	10808700	Gilbane	625.00
	Unload + distribute fr	10808700	Gilbane	30.00
	Resilient Flooring	10909300	Merrimac Tile Company Inc	295.00
	Painting	10909900	Gray FA Inc	200.00
	Fee Material Allowance	99999900	Gilbane	-2135.00 421.00
			CR # 310034 Total	2,256.00
			CCA Total	2,256.00

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

Owner:

[Signature]
City of Manchester Dept of Public Works

Date:

08/25/05

Gilbane:

[Signature]

Date:

8/18/05

Distribution:

Owner
CR FileGilbane
CCA File

Other

CONSTRUCTION CHANGE AUTHORIZATION



PROJECT NAME: Bakersville Elementary School
 OWNER: City of Manchester Dept of Public Works
 ADDRESS: 227 Maple Street
 Manchester, NH 03103
 ARCHITECT: Lavalley/Brensinger Architects

School Facilities
 Improvement Project

GILBANE PROJECT NO: 113387340
 CCA NO: 340040
 DATE OF ISSUANCE: 8/16/05
 ORIGINATOR: Gilbane

AUG 16 2005

Received
 Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

CR 340040 is for all labor, materials, and equipment to install Dura-Cap underlayment in Classroom 12 at Bakersville Elementary. The Dura-Cap was required to repair the crack/damage in the existing concrete floor that was concealed under raised wood flooring. This is Out-of-Scope work.

ATTACHMENTS:

Engineered Concrete Products Invoice 4522 dated 8/2/05.

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

FINAL

Change In Contract Sum	
Dollar Amount:	806.49
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	<input type="checkbox"/> Time and Material

Change In Contract time	
Time(Days):	0
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	

CR No.	Description	Cost Code	Contractor	Dollar Amount
340040	Dura-Cap Underlayment	10909600	Engineered Concrete Products	746.75
	Fee MATERIAL ALLOWANCE	99999900	Gilbane	- 746.75 - 59.74
			CR # 340040 Total	806.49
			CCA Total	+ 0 - 806.49

Owner: [Signature]
 City of Manchester Dept of Public Works

Date: 08/24/05

Gilbane:

[Signature]

Date: 8/16/05

Distribution:

Owner
 CR File

Gilbane
 CCA File

Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

PROJECT NAME: Northwest Elementary School

OWNER: City of Manchester Dept of Public Works

ADDRESS: 227 Maple Street

Manchester, NH 03103

ARCHITECT: Lavallee/Brensinger Architects

GILBANE PROJECT NO: 113387430

CCA NO: 430011

DATE OF ISSUANCE: 8/04/05

ORIGINATOR: Gilbane

School Facilities
Improvement Project

AUG 04 2005

Received
Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

CCA/CR 430011 includes all labor, materials, and equipment to furnish and install new resilient flooring and base in the 2nd Floor Teacher's Room (211) and the 3rd Floor Teacher's Room (308). New flooring is to be washed and waxed. Floor and base surfaces and substrates are to be patched and repaired as needed.

ATTACHMENTS:

Gorman-Thomas RFQ 340011 Repsonse Dated 8/3/05

DMJM Northwest Bulletin No. 00004

FINAL

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum

Dollar Amount: 950.00

☒ Fixed

☐ Maximum

☐ Estimated

☐ Time and Material

Change In Contract time

Time(Days): 0

☐ Fixed

☐ Maximum

☒ Estimated

CR No.	Description	Cost Code	Contractor	Dollar Amount
430011	Resilient Flooring	10909600	Gorman Thomas Incorporated	679.00
	Moving	33717300	Allan Industries Inc	200.00
	Fee	99999900	Gilbane	71.00
			CR # 430011 Total	950.00
			CCA Total	950.00

RECEIVED

AUG 08 2005

GILBANE JOB
NO 3387

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

Owner:

Ed J. Galt
City of Manchester Dept of Public Works

Date:

08/08/05

Gilbane:

Ken Foley

Date:

8/4/05

Distribution:

Owner
CR FileGilbane
CCA File

Other

CONSTRUCTION CHANGE AUTHORIZATION

Gilbane

Manchester Public
School Facilities
Improvement Project

PROJECT NAME: Manchester Schl of Technology
OWNER: City of Manchester Dept of Public Works
ADDRESS: 227 Maple Street
Manchester, NH 03103
ARCHITECT: Lavallee/Brensinger Architects
GILBANE PROJECT NO: 113387500
CCA NO: 500015
DATE OF ISSUANCE: 8/25/05
ORIGINATOR: Gilbane
Received
Program Management

In order to expedite the work and avoid delays in the Work which will affect Contract Sum and/or Contract Time, the Contract Documents are hereby amended to include the additional Work described below, which is beyond the current scope of the Work.

Upon Owner approval, Gilbane will proceed with the Work promptly.

Costs as incurred are in addition to the current contract Sum and will be invoiced and paid on a monthly basis and identified as separate items within the requisition. Final cost of the Work involved and change in Sum and Time (if any) will be submitted for inclusion in a final Change Order adjusting the Contract Sum and/or Time.

DEFINITION:

CR 500015 is for all labor, materials, and equipment to install new ductwork and required accessories for new branch run-outs at VAV boxes that were increased in size.

ATTACHMENTS:

C.P. Blouin estimate dated 8/22/05

FINAL

The following information is provided by Gilbane Building Company.

Method of determining change in Contract:

☐ Guaranteed Maximum Price ☐ Cost Plus Fee ☐ Unit Price ☒ Lump Sum ☐ Other

Change In Contract Sum	
Dollar Amount:	1,189.81
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	<input type="checkbox"/> Time and Material

Change In Contract time	
Time(Days):	0
<input checked="" type="checkbox"/> Fixed	<input type="checkbox"/> Maximum
<input type="checkbox"/> Estimated	

CR No.	Description	Cost Code	Contractor	Dollar Amount
500015	H.V.A.C	11515110	Blouin Inc Charles P	1,101.67
	Free Material Allowance	99999900	Gilbane	- 1,101.67
			CR # 500015 Total	1,189.81
			CCA Total	- 0 1,189.81

Owner:

City of Manchester Dept of Public Works

Date: 09/07/05

Gilbane:

Rene J. Proulx

Date: 8.25.05

Distribution:

Owner
CR File

Gilbane
CCA File

Other

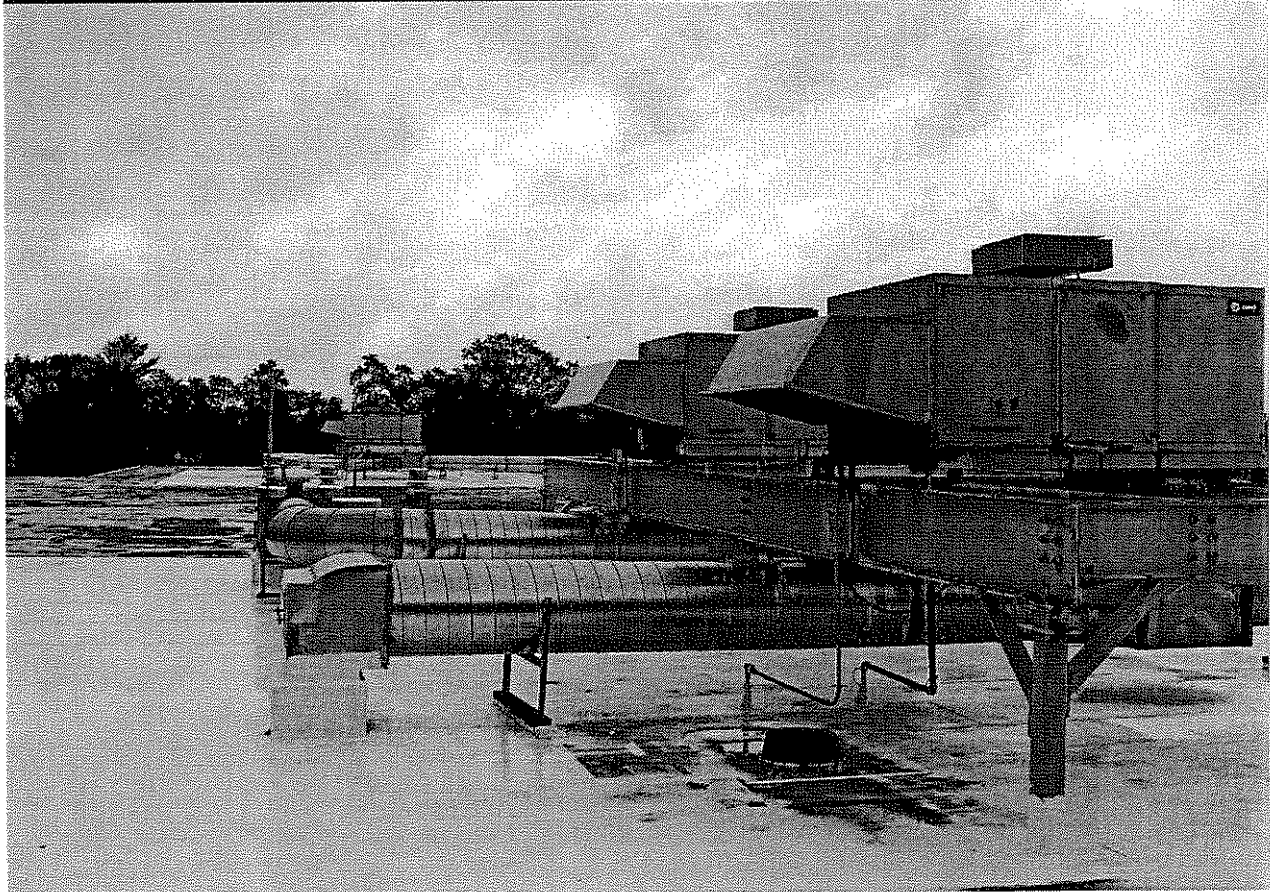
RECEIVED

SEP 08 2005

GILBANE JOB
NO 3327

Highland-Goffe's Falls Elementary School

2021 Goffe's Falls Road
Manchester, New Hampshire 03103-6133



Present Situation

The existing makeup air units appear to be nearing the end of their useful life, and are in need of some repair. The units are LP gas fired with multiple stages. You are looking for the new units to be NAT gas fired with modulating gas valves. The gas piping may need to be redone because of the change in fuel.

Proposed Solution

Replace the (4) existing TRANE makeup air units with indirect NAT gas fired units that have stainless steel heat exchangers and modulating gas valves. The new units will sit on the existing steel rails with new spring vibration isolators. The new units will tie into the existing power wiring. Space mounted CO2 sensors will be used to control the amount of outside air intake. The blower will ramp up and down based on the buildings CO2 levels to ensure proper air changes to meet today's air quality needs & save energy cost by decreasing outside air intake. The new units will tie into the existing ductwork located on the roof. The old units will be properly disposed of.

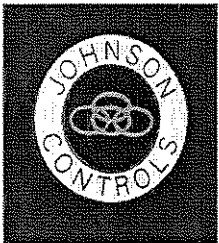
Energy savings recommendations:

This type of makeup air system is very costly to operate especially in the winter months. In order to save on fuel and electrical cost I recommend the following.

- VFD's on blower & exhaust motors

This will allow the drive motors to ramp up and down based on the CO2 levels in the building. If classrooms are unoccupied and the amount of makeup air is not as much then the units will simply ramp down or even shut down if not needed. The exhaust fans will be interlocked with the makeup air units and ramp up and down based on outside air intake. This will keep the building from being too negative or positive in pressure as well as reducing building exhaust. This will save energy by limiting the amount of heated air to be exhausted when not needed.

Based on this type of makeup air system these energy savings recommendations will more than pay for themselves in a short amount of time.



Michael Berube

Service Solution Sales Mechanical Systems

Office 603-222-2400

Direct 603-222-2413

Fax 603-222-2422

Cell 603-548-6340

E-Mail Michael.r.berube@jci.com

Johnson Controls, Inc. ~ 920 Candia Road ~ Suite 200 ~ Manchester, NH 03109



Since 1885

Date: 10/20/2005

TO: City Of Manchester Dept of Highways
275 Clay Street
Manchester, NH 03103-5613

Attn: Timothy Clougherty
Chief Facilities Manager
603-624-6554 17
Fax 603-624-6562

Project: Highland-Goffe's Falls MUA replacements.

Base project investment budget:

\$98,885.00	INT. Acceptance:
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Energy savings recommendations add budget:

\$35,345.00	INT. Acceptance:
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Install Controls and VFD's on existing (4) MUA units budget:

\$46,320.00	INT. Acceptance:
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For the above Base Project investment we will provide this scope of service:

- (4) replacement makeup air units
- Spring vibration isolation
- Shipping, receiving, delivery, and rigging
- Disconnect & reconnect of Gas piping, Electrical, and Ductwork
- Install UNT controllers and tie into existing NAE
- Install combo space temperature and CO2 sensors
- Program and map new points
- Startup and test for proper operation
- This is a turn-key project
- One year warranty on workmanship

This proposal DOES NOT include:

- Roof work if needed
- Structural work if needed
- Carpentry, cutting & patching if needed
- Gas piping modifications if needed
- Overtime labor if needed

(IMPORTANT: This proposal incorporates by reference the terms and conditions on page two.)

This proposal and alternates listed are hereby accepted and Johnson Controls is authorized to Proceed with work; subject, however to credit approval by Johnson Controls, Inc., Milwaukee, Wisconsin.

This proposal is valid until 11/30/05

Authorizing signature to proceed with work

Name:	
Title:	
Signature:	
Date:	
Purchase Order #	

TERMS AND CONDITIONS

By accepting this proposal, Purchaser agrees to be bound by the following terms and conditions:

SCOPE OF WORK. This proposal is based upon the use of straight time labor only. Plastering, patching and painting are excluded. In-line duct and piping devices, including, but not limited to, valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc. if required hereunder to be furnished by Johnson shall be distributed and installed by others under Johnson's supervision but at no additional cost to Johnson. Purchaser agrees to provide Johnson with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. Johnson agrees to keep the job site clean of debris arising out of its own operations. Purchaser shall not back charge Johnson for any costs or expenses without Johnson's written consent.

Unless specifically noted in the statement of the scope of work or services undertaken by JCI under this agreement, JCI's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean up, control, removal, or disposal of hazardous or dangerous materials, to include but not be limited to asbestos or PCBs, discovered in or on the premises. Any language or provision of the agreement elsewhere contained which may authorize or empower the Purchaser to change, modify, or alter the scope of work or services to be performed by JCI shall not operate to compel JCI to perform any work relating to hazardous or dangerous materials without JCI's express written consent.

2. **INVOICING & PAYMENTS.** Johnson may invoice Purchaser monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. Ten percent (10%) of the contract price is for engineering, drafting and other mobilization costs incurred prior to installation. This 10% shall be included in Johnson's initial invoice. Purchaser agrees to pay Johnson the amount invoiced upon receipt of the invoice. Waivers of lien will be furnished upon request, as the work progresses, to the extent payments are received. If Johnson's invoice is not paid within 30 days of its issuance, it is delinquent.
3. **MATERIALS.** If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of Johnson, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, Johnson shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute therefor.
4. **WARRANTY.** Johnson warrants that the equipment manufactured by it shall be free from defects in material and workmanship arising from normal usage for a period of one (1) year from delivery of said equipment, or if installed by Johnson, for a period of one (1) year from installation. Johnson warrants that for equipment furnished and/or installed but not manufactured by Johnson, Johnson will extend the same warranty terms and conditions which Johnson receives from the manufacturer of said equipment. For equipment installed by Johnson, if Purchaser provides written notice to Johnson of any such defect within thirty (30) days after the appearance or discovery of such defect, Johnson shall, at its option, repair or replace the defective equipment. For equipment not installed by Johnson, if Purchaser returns the defective equipment to Johnson within thirty (30) days after appearance or discovery of such defect, Johnson shall, at its option, repair or replace the defective equipment and return said equipment to Purchaser. All transportation charges incurred in connection with the warranty for equipment not installed by Johnson shall be borne by Purchaser. These warranties do not extend to any equipment which has been repaired by others, abused, altered or misused, or which has not been properly and reasonably maintained. **THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE.**
5. **LIABILITY.** Johnson shall not be liable for any special, indirect or consequential damages arising in any manner from the equipment or material furnished or the work performed pursuant to this agreement.
6. **TAXES.** The price of this proposal does not include duties, sales, use, excise, or other similar taxes, unless required by federal, state or local law. Purchaser shall pay, in addition to the stated price, all taxes not legally required to be paid by Johnson or, alternatively, shall provide Johnson with acceptable tax exemption certificates. Johnson shall provide Purchaser with any tax payment certificate upon request and after completion and acceptance of the work.
7. **DELAYS.** Johnson shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond Johnson's control, including, but not limited to, acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner or other Contractors or delays caused by suppliers or subcontractors of Johnson.
8. **COMPLIANCE WITH LAWS.** Johnson shall comply with all applicable federal, state and local laws and regulations and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits of a permanent nature shall be procured and paid for by the Purchaser.
9. **DISPUTES.** All disputes involving more than \$15,000 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and attorney's fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
10. **INSURANCE.** Insurance coverage in excess of Johnson's standard limits will be furnished when requested and required. No credit will be given or premium paid by Johnson for insurance afforded by others.
11. **INDEMNITY.** The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorneys' fees, which may arise in connection with the execution of the work herein specified and which are caused, in whole or in part, by the negligent act or omission of the Indemnifying Party.
12. **OCCUPATIONAL SAFETY AND HEALTH.** The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act relating in any way to the project or project site.
13. **ENTIRE AGREEMENT.** This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings.
14. **CHANGES.** No change or modification of any of the terms and conditions stated herein shall be binding upon Johnson unless accepted by Johnson in writing.